

CLAIMS

1. A digital camera comprising:

an automatic exposure control mechanism that is performed in an automatic exposure mode which at least is comprised of two sub-modes, such as a normal program mode and high-shutter-speed priority program mode, wherein said high-shutter-speed priority program mode selects higher shutter speed when it is compared with said normal program mode under a same photographing condition;

a camera attitude sensing processor that senses an attitude of said camera from the vertical;

a camera-shake detecting processor that detects a camera-shake in accordance with a stability of said attitude, sensed by said camera attitude sensing processor; and

a selecting control processor that selects said high-shutter-speed priority program mode as said sub-mode, when said attitude, sensed by said camera attitude sensing processor, is unstable and said camera-shake is detected by said camera-shake detecting processor while said automatic exposure mode is performed.

2. A camera according to claim 1 that comprises a recording processor which records in a recording medium, attitude information about said attitude detected while

photographing, together with image data corresponding to an image taken during said photographing and wherein said selecting control processor invalidates said attitude information when said attitude, sensed by said camera attitude sensing processor, is unstable and said camera-shake is detected by said camera-shake detecting processor while said automatic exposure mode is performed.

3. A camera according to claim 1, wherein said selecting control processor selects said normal program mode as said sub-mode, when said attitude sensed by said camera attitude sensing processor is stable and said camera-shake is not detected, while said automatic exposure mode is performed.

4. A camera according to claim 1, wherein said selecting control processor switches selection of said sub-mode from said high-shutter-speed priority program mode to said normal program mode when status of said attitude sensed by said camera attitude sensing processor changes from unstable to stable and said camera-shake is no longer detected, while said automatic exposure mode is performed.

5. A camera according to claim 2, wherein said camera attitude sensing processor comprises an inclinometer, and said selecting control processor repeatedly checks output from said inclinometer at a predetermined period and

invalidates said attitude information if said output corresponding to said attitude is unstable while said automatic exposure mode is performed.

5 6. A camera according to claim 3, wherein said camera attitude sensing processor comprises an inclinometer, and said selecting control processor repeatedly checks output from said inclinometer at a predetermined period and invalidates said attitude information if said output corresponding to said attitude is unstable, while said automatic exposure mode is performed.

10 7. A camera according to claim 4, wherein said camera attitude sensing processor comprises an inclinometer, and said selecting control processor repeatedly checks output from said inclinometer at a predetermined period and invalidates said attitude information if said output corresponding to said attitude is unstable, while said automatic exposure mode is performed.